

DAY 1

Master Data Management

- Data Lifecycle Management
- The Data as Enterprise Asset
- Metadata
- Data Retention Requirements
- Data Governance Frameworks
 - DGI
 - DAMA

DAY 2

Data Gathering and Data Quality

- Data Sources
- Applicable Data Rules for Well Identification and Classification
- Professional Petroleum Data Management (PPDM) Data Model
- Data Management Functions

DAY 3

Geospatial Data

- Geospatial Data Architecture
- Geospatial Data Repositories
- Software for Geospatial Data Gathering and Analysis
- Geographic Information Systems (GIS) Related Databases
- Geomatics Data Quality
- Geospatial Data Storage, Analysis and Retention

DAY 4

Master Data Management and Referencing in Exploration & Production (E&P)

- Exploration & Production (E&P) Terminology
- Master Data
- Reference Data

- Data Warehouse Architecture and Business Intelligence
 - Business Conceptual Model
 - Logical Data Model
 - Physical Data Model
- Database Administration
- Data Warehouse Administration

DAY 5

Data Management, Risks and Security

- The CIA Triad - *Confidentiality, integrity and availability of the data*
- Data Security Policy
- Data Security Standards and Procedures
- Data Security Audit
- Data Security on the Cloud
- Interaction between the Stakeholders, Users, Clients and Government Agencies